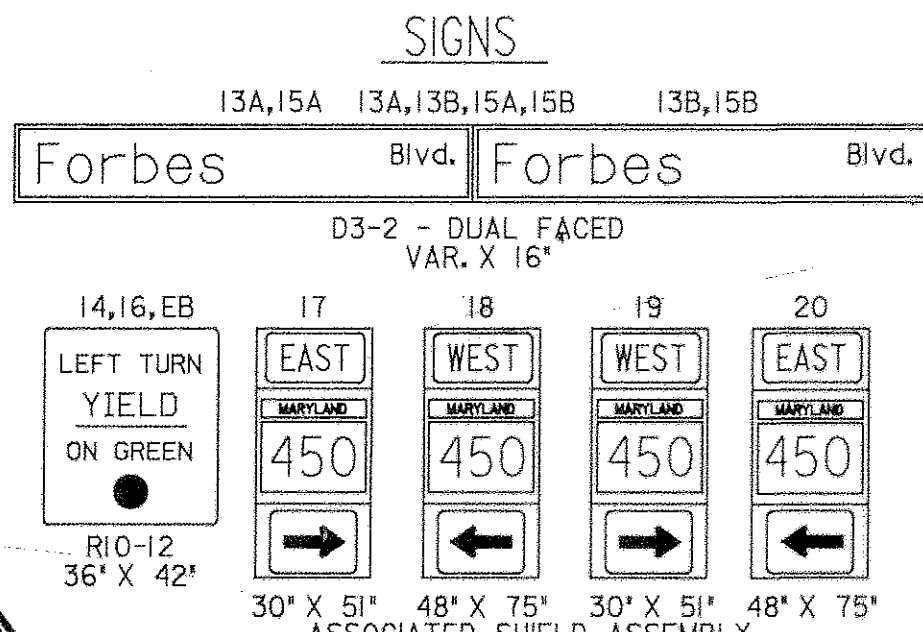


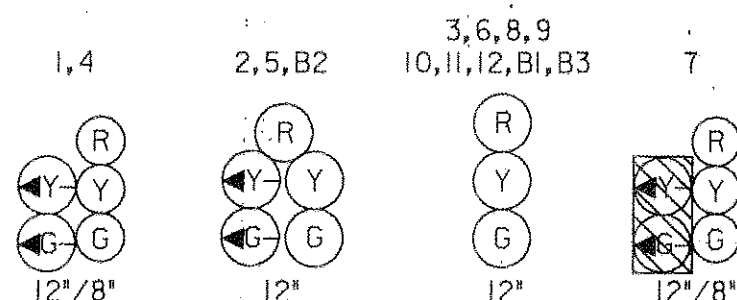
PHASE III CONSTRUCTION DETAILS

- A. USE EXISTING BASE MOUNTED CABINET/CONTROLLER.
- B. INSTALL 12 IN. X 32 FT. 2-PLY STEEL STRAIN POLE WITH 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE AS SHOWN (NOTE: ONE 2 IN. 90-DEGREE (SCH.40) PVC BEND AND ONE 3 IN. WEATHERHEAD). (USE FOUR 2-1/4 IN. X 96 IN. ANCHOR BOLTS.)
- C. INSTALL 24 IN. WIDE PREFORMED PAVEMENT MARKING FOR STOP LINE.
- D. INSTALL HANDHOLE.
- E. INSTALL 1 IN. LIQUID TIGHT, NON-METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE.
- F. INSTALL 2 IN. POLYVINYL CHLORIDE (SCH.40) ELECTRICAL CONDUIT-TRENCHED.
- G. INSTALL 2 IN. POLYVINYL CHLORIDE (SCH.80) ELECTRICAL CONDUIT-TRENCHED. (SEE NOTE I)
- H. INSTALL 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (3 TURNS) ENCASED IN FLEXIBLE TUBING.
- J. USE EXISTING CONDUIT.
- K. USE EXISTING HANDHOLE.
- L. USE EXISTING STRAIN POLE.
- M. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE VEHICLE LOOP DETECTOR (2-4-2 TURNS) ENCASED IN FLEXIBLE TUBING.



MD 450 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SIGNALS



NOTE: SIGNALS 1-6,9,11,12 ARE PROPOSED.

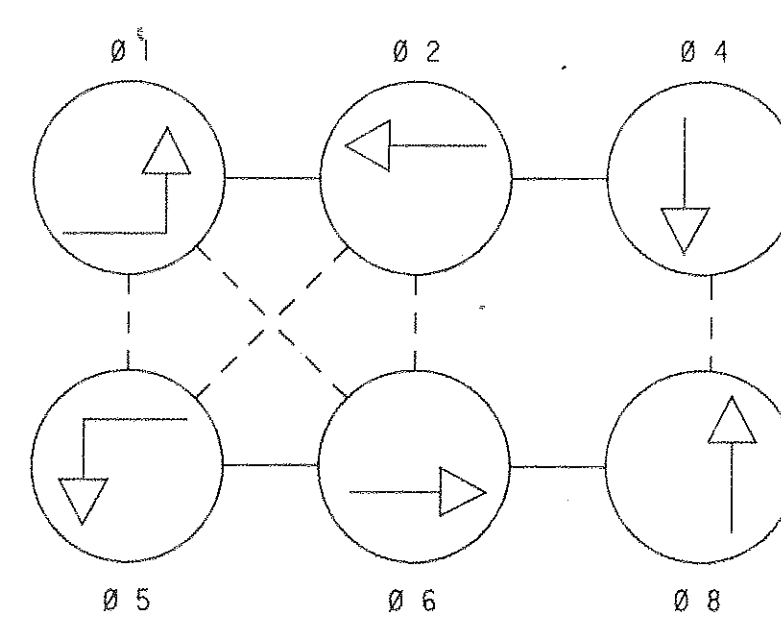
SIGNAL 7 IS PROPOSED AND SHALL HAVE THE YA,GA BAGGED.

SIGNALS 14,16 SHALL BE UNBAGGED.

SIGNAL 8 AND SIGNALS 13-16 ARE EXISTING AND ARE TO BE RELOCATED.

SIGNAL 10 AND SIGNALS 17-20 ARE EXISTING AND SHALL REMAIN.

SIGNALS B1,B2,B3 ARE EXISTING AND SHALL REMAIN AND BE BAGGED.



PHASING NOTES

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

GENERAL NOTES

1. THE CONDUIT TO BE INSTALLED ACROSS THE PROPOSED ROADWAY SHALL BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION.
2. DETECTORS SHALL BE INSTALLED PRIOR TO FINAL PAVEMENT SURFACE COURSE.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATIONS OF THE PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
4. FOR THE LOCATION OF THE "ARROW" AND "ONLY" PAVEMENT MARKINGS AND SIGNS, SEE THE TRAFFIC CONTROL PLAN TCP-39.
5. ALL POLE AND CABINET FOUNDATIONS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLES	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TEMPORARY SIGNAL PHASE III

DWG. NO. TS-3



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 (ANNAPOLIS ROAD) AT FORBES BLVD.

LOG MILE NO. 16045006.59 DATE 8 / - 96

DRAWN BY: S. BLOSS	F.A.P. NO. N/A	PLAN SHEET NO. 349	SHEET NO. 465
CHECK BY: T. HANNAN	S.H.A. NO. N/A		
SCALE: 1"=20'	COUNTY: PRINCE GEORGES		

REVISION	APPROVALS
	EST. DIVISION CHIEF, TEDD
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY
AUGUST 1996 - WTB MODIFY EXISTING SIGNAL SHA NO. PG9005171	
JDM	EX

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND